



VOLUME 4

Terrestrial Biota Sampling Project Plans

Revision 2 - Addendum

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The following changes are noted in the Terrestrial Biota Sampling Project Plans (Volume 4), based on the results of the August 2, 2001 meeting with USEPA and follow-up discussions with Dr. James Chapman of the USEPA. This Addendum will constitute the only documentation of these changes and will be considered an incorporated part of the Volume 4 Sampling Project Plans. The changes are noted as follows:

1. Aside from qualitative descriptions made solely for purposes of site characterization, no vegetative community structure assessment will be made.
2. Eight additional soil samples will be collected from the southern end of Site Q. The locations of these samples will be verified during the field reconnaissance and will be biased towards areas of viable wildlife habitat. Soil samples from these locations will be collected from the surface interval (0 – 6" below ground) and will be analyzed for the standard parameters. Biological sampling (i.e., vegetative samples for residue analysis) will also be conducted at each of the eight locations.
3. Earthworms will no longer be collected from each of the surface soil locations throughout the five Sites. Instead, soil samples will be collected from each location and submitted to a laboratory for a 14-day earthworm toxicity/bioaccumulation test using laboratory provided earthworms (*Eisenia foetida*). Following the completion of the test, earthworms from the test will be analyzed in the laboratory for tissue residue. In place of the field collected earthworms, a composite sample of field collected terrestrial invertebrates (including beetles, crickets, and grasshoppers, slugs, snails and lepidopteran larvae). These organisms will be collected using sweep nets and other reasonable sampling methodologies. One composite sample from each soil sampling location will be submitted for laboratory analysis.

4. Biological sampling (including vegetative and invertebrate) will be conducted at those locations chosen for background surface soil sampling locations.